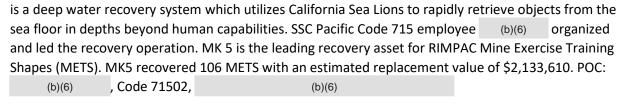
MV Surve (SCORE) a utilizes Ca MK 5 MM (METS) at Squadror specificat employee	eyor and pro at San Cleme alifornia sea 4S was taske t San Cleme a and USMC tions. Estima	evided mine of ente Island 1 lions to retred with locali nte Island in Marine Air G	exercise tr -5 April 20 ieve object ization and depths of Group 11. I ment value (b)(6)	raining suppo 019. The MK ets from the s d recovery of up to 450' IS MK 5 recover e of assets re		n California ep water re oths beyon d Mine Exe nts for the onfigured 03,276. NIV	a Offshore ecovery sy d human ercise Trai USAF 340 IAW syste VC Pacific	e Range ystem which capabilities. ining Shapes Oth Weapons
POC:	(b)(6)	, Code 56730),	(b)	6)			
is a deep sea floor Unmanne when the of receivi and facili	water recovin depths be ed Underwa UUV was long the requirated recovered to the following the follow	very system veryond human ter Vehicle (lost. MK 5 wa est for assist ery the follow	which utili n capabilit UUV) as pa as asked to ance, the	zes California ies. Beach M art of exercis assist in loc MK 5 team s vith Navy Cor (b)(6)	JUV for recove Sea Lions to raster Unit One e Pacific Blitz in eting and recouccessfully local insolidated Divi	rapidly retree (BMU1) we nother water wering the ated the participa	ieve objewas opera ers off Can UUV. Wit artially bu CDU) dive	ting an np Pendleton hin 15 hours iried object,
aboard Ro Offshore which uti capabilition organized Corps and of four Mo Mobile Mo	esearch Ves Range (SCO lizes Califori es. SSC Pacif d and led the mal care spo K 67 Subma line Assemb	sel MERLIN a RE) near San nia sea lions fic Code 715 e recovery op ecialist arine Launche	and provident of the control of the	led mine exe e Island. The e objects from s Veterinary su . MK 5 I Mine (SLMIV red all assets	rcise training s MK 5 MMS is a n the sea floor	upport for a deep wat in depths (6) vided by U ed with loc bes in supp	Southerner recove beyond he S Army Vocalization fort of Con	eterinary and recovery mmander,
embarked Southern recovery beyond h recovery 400 fsw in	d aboard Na California C system which uman capab organized a of Air Dropp n support of	val Recovery Offshore Rang ch utilizes Ca pilities. SSC P nd led the re ped Mine Exe USN Carrier	y Craft 1 (F ge (SCORE dilifornia se eacific Cod ecovery op ercise Trail	RSC-1) and problem (1) at San Clembra a lions to reto the 715 employeration. MK ming Shapes (1) to the four 15 Comp	5 MMS was ta	xercise tra he MK 5 M rom the se (b)(sked with Clemente I Unit Exerc	ining supposed ining supposed in floor	port for eep water depths on and depths of up to

Code 715 MK 5 Marine Mammal System completes exercise mine recovery operations. 1-15 Aug 2018, MK 5 MMS provided mine exercise training shape recovery in support of RIMPAC 2018. The MK 5 MMS



Code 715 MK 5 Marine Mammal System completes exercise mine recovery operation. 6-9 November 2017, MK 5 MMS provided mine exercise training support for SPAWAR Systems Center Pacific Code 56403. The MK 5 MMS is a deep water recovery system which utilizes California Sea Lions to rapidly retrieve objects from the sea floor in depths beyond human capabilities. SSC Pacific Code 715 employee (b)(6) organized & led the recovery operation. MK 5 was tasked with localization & recovery of 12 MK 49, one MK 53, and one MK 46 mine exercise training shapes. MK 5 recovered all assets, with an estimated replacement value \$81,177. POC: (b)(6) , Code 71502, (b)(6)

Code 715 MK 5 completes exercise mine recovery operation. 28-31 August 2017 MK 5 MMS embarked aboard Naval Recovery Craft 1 and provided mine exercise training support for USS Theodore Roosevelt Composite Training Unit Exercise, & USAF 20th Bomber Squadron. MK 5 is a deep water recovery system that utilizes California sea lions to rapidly retrieve objects from the sea floor in depths beyond human capabilities. SSC Pacific Code 715 employees (b)(6) organized and led the recovery operation. MK 5 recovered 29 assets, with an estimated replacement value of \$232,000 POC:

(b)(6) , Code 71502, (b)(6)

Code 715 MK 5 completes exercise mine recovery operation. 14-15 August 2017 MK 5 MMS embarked aboard Naval Recovery Craft 1 and provided mine exercise training support for SSC Pacific Code 56403. MK 5 is a deep water recovery system that utilizes California sea lions to rapidly retrieve objects from the sea floor in depths beyond human capabilities. SSC Pacific Code 715 employee (b)(6) organized and led the recovery operation. MK 5 was tasked with localization and recovery of (13) Mk 74 Mod 1 versatile exercise mines (VEM) and one Mk 75 VEM. MK 5 recovered all assets, with an estimated replacement value of \$7,541,000. POC: (b)(6) , Code 71502, (b)(6)

Code 715 MK 5 completes exercise mine recovery operation. July17-21 MK 5 MMS embarked aboard Naval Recovery Craft 1 (RSC-1) and provided mine exercise training support for southern California Offshore Range (SCORE) on the Tanner Banks 111 miles west of San Diego. The MK 5 MMS is a deep water recovery system which utilizes California sea lions to retrieve objects from the sea floor in depths beyond human capabilities. SSC Pacific Code 715 employees (b)(6) organized & led the recovery operation. MK 5 MMS was tasked with localization & recovery of moored and bottom Mine Exercise Training Shapes (METS) on the Tanner Banks at depths up to 812 fsw in support of COMSUBPAC CTG 34.4. 15 MK 49 Moored mines, 13 MK 55 & 2 Mk-44 laying mines were recovered. MK 5 recovered all assets configured to MK 5 system specifications. Estimated replacement value of assets recovered is \$ 327,000 USD.

Code 715 MK 5 Completes CTX17 & 9BS Exercise Mine Recovery Operation. On 8-12 May 2017 MK 5 MMS embarked aboard Naval Recovery Craft 1 (RSC-1) and provided mine exercise training support for Southern California Offshore Range (SCORE) at San Clemente Island. The MK 5 MMS is a deep water recovery system which utilizes California sea lions to retrieve objects from the sea floor in depths

beyond human capabilities. SSC Pacific Coo	le 715 employees	(b)(6)	organized					
and led the recovery operation. MK 5 MMS	was tasked with local	ization and recovery of	Air Dropped					
Mine Exercise Training Shapes (METS) at Sa	an Clemente Island at o	depths of up to 400 fsw	in support of					
USN Carrier Strike Group (CTX) 17 and USA	AF 9th Bomber squadro	on (9BS). MK5 recovere	d 53 METS with					
an estimated replacement value of \$476,00	00 USD. POC: (b)((6) , Code 71502,						
(b)(6)								
MK 5 completes 9BS exercise mine recover	y operation. MK 5 MM	1S embarked 9-14 Janu	ary 2017 aboard					
Naval Recovery Craft 1 (RSC-1) and provide	• •		•					
Offshore Range (SCORE) at San Clemente Is	sland. The MK 5 MMS i	is a deep water recover	ry system which					
utilizes California sea lions to retrieve obje		· · · · · · · · · · · · · · · · · · ·						
SSC Pacific Code 71530 employees	(b)(6)	org	anized and led					
the recovery operation. MK 5 MMS was ta	sked with localization a	and recovery of Air Dro	pped Mine					
Exercise Training Shapes (METS) at San Cle	mente Island at depths	s of up to 400' fsw to p	rovide data &					
training for USAF 9th Bomber Squadron (9)	3S). MK 5 recovered (4	5) METS configured to	MK 5 system					
specifications, with an estimated replacem	ent value of \$ 425,000	USD. POC: (b)(6)	, Code					
71502, (b)(6)								
Code 715 MK 5 Completes CTX16 Exercise MMS embarked aboard Naval Recovery Cr. Southern California Offshore Range (SCORI recovery system which utilizes California second	aft 1 (RSC-1) and provions E) at San Clemente Islama ea lions to retrieve obje	ded mine exercise trair nd. The MK 5 MMS is a ects from the sea floor	ning support for deep water					
beyond human capabilities. SSC Pacific Coc		(b)(6)						
organized and led the recovery ope of Air Dropped Mine Exercise Training Shap in support of CTX16 participation of USN C	oes (METS) at San Clem Carrier Air Wing Two (C	nente Island at depths of VW-2). MK 5 recovere	of up to 400 fsw d (21) MK-62					
Quick Strike METS configured to MK 5 systems \$168K. POC: (b)(6) , Code 71502	•	i an estimated replacer)(6)	nent value of					
Code 715 MK 5 completes RIMPAC exercise mine recovery operation July 31-Aug 6 2016 MK 5 MMS embarked aboard Naval Recovery Craft 1 (RSC-1) and provided mine exercise training support for Southern California Offshore Range (SCORE) at San Clemente Island. The MK 5 MMS is a deep water recovery system which utilizes California sea lions to retrieve objects from the sea floor in depths beyond human capabilities. SSC Pacific Code 71530 employees (b)(6)								
organized and led the recovery operation. MK 5 MMS was tasked with localization and								
recovery of Air Dropped Mine Exercise Training Shapes (METS) at San Clemente Island at depths of up to 450 fsw in support of RIMPAC 2016 participation of USAF 37th and 9th Bomber Squadrons. MK 5								
recovered all assets configured to MK 5 sys		·						
	-							
(3) MK-65 laying mine METS, and (1) MK-63 Quick Strike MET, with an estimated replacement value of \$								

April 25-May 24 2016 the MK 5 Marine Mammal System (MMS) deployed to 5th Fleet area of responsibility to provide mine exercise training support for the International Mine Countermeasures Exercise (IMCMEX) 2016. IMCMEX is a defensive mine countermeasures exercise held in the international waters of the Middle East. IMCMEX serves to reinforce relationships with international

716K. POC: (b)(6) , 71500,

partners, improve capability within the area of responsibility, and strengthen the regional capacity to improve interoperability of 30 participating nations. The MK 5 MMS is a deep water recovery system which utilizes California sea lions to retrieve objects from the sea floor in depths beyond human capabilities. SSC Pacific Code 715 employees (b)(6)

organized and led the recovery operation. MK 5 was tasked with localization and recovery of Mine Exercise Training Shapes (METS) in the Gulf of Oman, Kuwait and Central Arabian Gulf in support of IMCMEX 2016. Airlift was provided by VR-57. Sea lions and crew flew direct from North Island NAS into Bahrain and embarked aboard USNS Catawba. While aboard Catawba, MK 5 sailed over 1600 nautical miles and recovered 59 mine simulators, with an estimated replacement value of \$706,500. The four week deployment represents MK 5's longest expeditionary recovery operation in the region to date.

MK 5 completes exercise mine recovery operation April 12-13 2016 MK 5 MMS embarked from SSC Pacific Point Loma and provided mine exercise training support for HFWB SIBR/TTS (High Frequency Wideband target test) for NSWC Panama City in the waters off Imperial Beach, CA. The MK 5 MMS is a deep water recovery system which utilizes California Sea Lions to retrieve objects from the sea floor in depths beyond human capabilities. SSC Pacific Code 71530 employees (b)(6) organized & led the recovery operation. MK 5 MMS was tasked with localization & recovery of 32 Mine Exercise Training Shapes (METS) in the Imperial Beach SCORE range. MK 5 recovered all assets. Estimated replacement value of assets recovered is \$57,220 USD POC: (b)(6) , 71530,

Code 715 MK-5 completes exercise mine recovery operation March 14-19 2016 MK-5 MMS embarked aboard Naval Recovery Craft 1 (RSC-1) and provided mine exercise training support for southern California Offshore Range (SCORE) at San Clemente Island. The MK-5 MMS is a deep water recovery system which utilizes California Sea Lions to retrieve objects from the sea floor in depths beyond human capabilities. SSC Pacific Code 71530 employees (b)(6) organized & led the recovery operation. Veterinary service was provided by contract staff from National Marine Mammal foundation staff Erin Brodie. MK-5 MMS was tasked with localization & recovery of 62 Air Dropped Mine Exercise Training Shapes (METS) at San Clemente Island at Depths of up to 400' to provide data & training for USAF 340th Weapons Squadron (340WPS). MK-5 recovered all assets configured in MK-5 system specifications. Estimated replacement value of assets recovered is \$516,000 USD. POC: (b)(6) , 71530, (b)(6)